Work Order ID 85389 June-07-12 9:26:06 AM Item ID: D412-664-203TRN Accept \*N900040100\* **Revision ID:** Item Name: Crosstube Turning Detail Start Date: Start Qty: 1.00 07/06/2012 **Cust Item ID: Required Date: 21/06/2012** Req'd Qty: 1.00 **Customer:** Reference: Run Process Plan: MUT Date: 17/06/17 Pooling: Approvals: Date: QC: Date: SPC (Y/N): Date: Sequence ID/s Operation Set Up/ Tool ID Tool # Plan Accept Reject Reject Work Center ID Description **Run Hours** Qty Qty Code Number Stamp Draw Nbr **Revision Nbr** D412-664-243 Rev E(DEO) 100 0.00 MORI SEIKI CNC LATHE LARGE \*100\* Mori Seiki 0.00 Memo Mori Seiki CNC Lathe Large 1-Fill tube with sand & install plugs DT8534 on both ends as per Folio FA166 2-Turn first side as per Folio FA166 3- File transition lines smooth. FOLIO REV: 110 QC1- Inspect dimensions to dimension sheet 0.00 \*110\* QC 0.00 Memo Quality Control

aran.l 12/06/16

Dart Aerospace I	Ltd	
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W/O:			W	ORK ORDER CHANG	ES			* **	
DATE	STEP	PRO	CEDURE CH	ANGE	Ву	Date Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
						·			
Part No: PAR #:		PAR #:	Fault Cate	egory:	NCR: Yes	No <b>DQA</b> :	Date: _		
Resolution:			Disposition: QA: N/C Closed:			sed:	Date:		
NCR:		V	WORK ORD	ER NON-CONFORMA	NCE (NCR	)			
DATE	STEP	Description of NC	Corrective Action Section			Verification	Approval		
	STEP Section A	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector	
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W/O:			W	ORK ORDER CH	ANGES					* * * * * * * * * * * * * * * * * * *
DATE	STEP PROCEDURE CHANGE By Date Qty						Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
					$d_{\eta}$					
							**I		<del></del>	
Part No	:	PAR #:	Fault Cate	egory:	NC	R: Yes N	lo DQA	\:	_ Date: _	
Resolution:			_ Disposition	on:	QA	: N/C Clo	sed:		Date:	
NCR:		W	ORK ORD	ER NON-CONFO	RMANCI	E (NCR)	1		æ	
DATE	STEP Description of NC Section A		Initial Chief Eng	Corrective Action Action Descrip Chief Eng	Section B	Sign & Date	Verific Section		Approval Chief Eng	Approval QC Inspector
								-		
		ج.								

**WORK ORDER NON-CONFORMANCE / UPDATE** NCR: Yes / No QA Closed: Date: DISPOSITION AGAINST DEPARTMENT/PROCESS Work Order: Rework Skid-tube Crosstube \square Engineering Prod. Eng. Coor. Part No. 2412-664-203TEN Scrap Machining Small Fab Rec/Store/Packaging Quality Use-as-isl ✓ Thermoforming Finishing Supplier 121591 NCR No. Work Order Update Large Fab Composite Other Description of work order update Root Initial Action Sign & Date Cause Step Qty or Non-conformance Chief Eng Description Date Verification QC Inspector Doc/Data 130 PART WAS INSPECTED PER QSI-12/06/22 Equip/Tooling 038 BUT WAS UNABLE TO Acceptable. Operator RECORD DIMENSON REDUIRED Material ON INSPECTION SHEET FOR Offset/Setup READING 4 ON FAI INSPECTION Other SHELT . JOSSIBLE DINLEMENDINS Process & FAW MATIL 15 BLE PART OF RECEIVING Supplier Training REPORT 6000 Unauthorized **FAULT CATEGORY Landing Gear** Hardware General Bending Passes Below Min Breaking Burrs Maintenance Set-up Centre Not Concentric to O/S Missing Contamination Mislabeled Supplier Cracks Size/Length **Cut Too Short** Off-Set Temperature/Cure Crushed/Crimp at Bending Spinning Documentation/Data Orientation Misread Weld Inspection Strip in Tube Threading Finish Out of Calibration Wrong Stock Pulled Other Wrong Inspection Incomplete Out of Sequence Positioned Wrong **Drill Holes** Inspection Unqualified Outside Dimensions Other Ripples on Inner Bend Misaligned Instructions Incomplete/Unclear Over/Under tolerance Torque Waves in Extrusion Ovalized Jigs/Fixtures/Tooling Part Lost Turning Sequence Over/Undersized Kit Incorrect Part Moved Wave/Twist in Tube Too Many Kit Missing Raw Material

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev F

Date: 12

June-07-12 9:26:06 AM

Item ID: D412-664-203TRN Accept \*N900040100\* Setup Start **Revision ID:** Item Name: Crosstube Turning Detail **Start Date:** 07/06/2012 Start Qty: 1.00 **Cust Item ID: Required Date:** 21/06/2012 **Req'd Qty:** 1.00 **Customer:** Reference: Run Process Plan: Approvals: Date: **Tooling:** Date: QC: Date: SPC (Y/N): Date: Sequence ID/ Operation Tool # Set Up/ Tool ID Reject Plan Reject Accept Insp. Work Center ID Description **Run Hours** Qty Code Qty Number Stamp 145 0.00 \*145\* Crosstubes 0.00 Memo Crosstubes GRIND ONLY TRANSITION LINES SMOOTH LONGITUDE WAY. 150 Crosstubes Chemical Conversion 0.00 \*150\* HandFXtube 0.00 Hand Finishing Crosstubes QC7-Inspect Chemical Conversion Coat 160 0.00 \*160\* QC Memo Quality Control

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W/O:			V	VORK ORDER CHA	NGES					7 7
DATE	STEP	PROCEDURE CHANGE			Ву	By Date		Qty Approval Chief Eng / Prod Mgr	Approvaí QC Inspector	
	·								÷ ,	
Part No		PAR #:								
	Resolution:			Disposition:			QA: N/C Closed: Date			
NCR:		, W	ORK OR	DER NON-CONFOR	RMANC	E (NCR)				
DATE	STEP	Description of NC	Initial	Corrective Action	Section B	Sign &	Verific		Approval	Approval
		Section A	Chief Eng	Action Description Chief Eng		Date	Section	on C	Chief Eng	QC Inspector
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Quality Control

Page 4

Insp.

June-07-12 9:26:06 AM Item ID: D412-664-203TRN Accept \*N900040100\* Setup Start **Revision ID:** Item Name: Crosstube Turning Detail **Start Date:** 07/06/2012 Start Qty: 1.00 Cust Item ID: **Required Date:** 21/06/2012 **Req'd Qty:** 1.00 **Customer:** Reference: Run Approvals: **Process Plan:** Tooling: Date: Date: QC: Date: SPC (Y/N): Date: Sequence ID/ Operation Tool # Plan Set Up/ Tool ID Accept Reject Reject Work Center ID Description **Run Hours** Code Qty Qty Number Stamp 170 0.00 Packaging \*170\* 12-6-20 Packaging 0.00 Memo Packaging Identify and stock in kanban rack Location:

0.00

0.00

QC21- Final Inspection - Work Order Release

Memo

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W/O:			W	ORK ORDER CHANGE	S			,	, ,
DATE	STEP	PRO	PROCEDURE CHANGE				Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No: PAR #:									
	R	esolution:	Disposition	on:	QA: N/C C	losed:		Date: _	·····
NCR:	'	V	VORK ORE	DER NON-CONFORMAI	NCE (NC	R)			
DATE	OTED	Description of NC		Corrective Action Section B		Verifica		Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Date	& Secti	on C	Chief Eng	QC Inspector
							·		
					,				

## , Picklist Print

June-07-12 9:26:10 AM

Work Order ID: 85389

\*85389\*

Parent Item:

D412-664-203TRN

\*D412-664-203TRN\*

Parent Item Name: Crosstube Turning Detail

**Start Date:** 07/06/2012

**Required Date: 21/06/2012** 

Start Qty: 1.00

Required Qty: 1.00

Comments:

IPP Rev:A 08-03-06 new issue DD verified by:eec

IPP Rev B 08.04.02 Removed polish EC verified by: DD

Component Item ID/ Item Name

Replacement Mfg/ Item ID Purch Bin Primary Item Location

Last Location

Route Seq ID

120

Unit of Measure Hand

Qty on

Qty per Kit Total

Qty

Qty

Status

D6009-129

Manufactured

Each

23.0000

Loc Code

\*\*

Issued

Date Issued

Page 1

Crosstube Material

Location

LG

Loc Qty 23

23

2/06/16

Dart Ae	art Aerospace Ltd									
W/O: WORK ORDER CHANG										, , ,
DATE	STEP	PROCEDURE CHANGE By				By Date	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
		 		of the						
								·		
Part No:			PAR #:	Fault Category:	NCR	: Yes	No DQ	<b>\:</b>	_ Date: _	
	R	esolution:		Disposition:	QA:	N/C C	losed:		Date:	·
NCR:			V	ORK ORDER NON-CO	NFORMANCE	(NC	R)			

NCR:		WORK ORDER NON-CONFORMANCE (NCR)								
		Description of NC		Corrective Action Section B	Verification	Approval Chief Eng				
DATE	STEP	- Section A	Initial Chief Eng	Action Description Sign 8 Chief Eng Date	Section C		Approval QC Inspecto			
							-			
<b>X</b>										

DART AEROSPACE LTD	Work Order:	85389
Description: Crosstube Assembly (412 High Aft)	Part Number:	D412-664-243
Inspection Dwg: D412-664-243 Rev: E		Page 1 of 1

# FIRST ARTICLE INSPECTION CHECKLIST

X	First Article	Prototype
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	nspection Sheet awing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
	2.684	+0.005/-0.000	2.687			vern	CNC-OX
	2.748	+0.005/-0.000	2.751			1	1 000
	2.884	+0.005/-0.000	2.888				
	3.019	+0.005/-0.000	3.023				•
1	3.163	+0.005/-0.000	3.766				,
	3.308	+0.005/-0.000	3.3/2				
<b>4</b>	3.429	+0.005/-0.000	3.429				
SIDE	2.990	+0.005/-0.000	2.992				
S	2.618	+0.005/-0.000	2.622			J.	
7	0.200	+/-0.010	.200			vern	CWC-08
	R0.063	+/-0.010	-067			F 6	
	R0.500	+/-0.010	.500			, (	
	4.971	+/-0.030	4,971			vern	CWC-08
	2.684	+0.005/-0.000	2.686			vern	CNC-08
	2.748	+0.005/-0.000	2,750		i		
	2.884	+0.005/-0.000	3.567				
	3.019	+0.005/-0.000	3.022				
	3.163	+0.005/-0.000	3.164				
	3.308	+0.005/-0.000	3.312				
8	3.429	+0.005/-0.000	3.430	·/			
SIDE	2.990	+0.005/-0.000	2-991				
S	2.618	+0.005/-0.000	2622	<i>'</i>		\ <u>\</u>	
	0.200	+/-0.010	200			Vera	CNC-60
	R0.063	+/-0.010	.063	/		R6	
	R0.500	+/-0.010	1500			11	
	4.971	+/-0.030	4.971			vern	cvc-08
	124,100	+/-0.020	124.100	~		tape	ALG-25

Measured by: 9797, U
Date: 12/0/16

Audited by: Prototype Approval: N/A
Date: 12/0/18

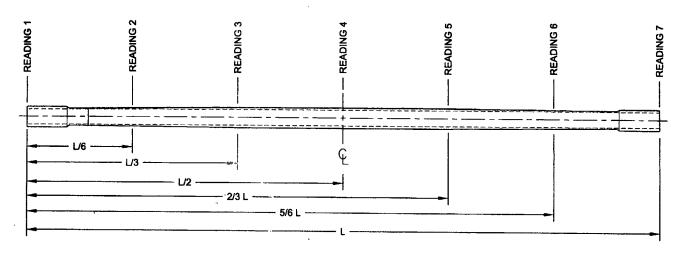
Date: N/A

Revised by Approved
KJ/JLM
KJ/JLM
KJ/JLM
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DART AEROSPACE LTD	Work Order:	
Description: Crosstube Assembly (205/212 High Aft)	Part Number:	D212-664-241
Inspection Dwg: D212-664-241 Rev: D		Page 2 of 2

# WALL THICKNESS MEASUREMENT



		WALL	THICKNESS	MEASUREMEN	IT (IN)	Deviation	
	Location	w1	w2	w3	w4	Δw (max-min)	TOLERANCE
		355	.374	,375	. 390	.035	
<u>-</u>	READING 2 L= 20 "	.313	. 317	.314	,308	009	
-	READING 3 L= 40 <sup>®</sup>	.475	.475	.481	.478	,006	
	READING 4 L=	CANIT	MEDSUZE	, ok a	7/1/6/25		0.062"
1	READING 5	.469	,476	.488	,439	.019	
Ų	READING 6 L= 20	.297	,317	.331	-312	. 034	13-
	READING 7 L=	1388	.381	,37	-381	.023	

# **Calibration Result**

Actual Block Thickness: 100-500

Sitescan 250 Measured Thickness: \_/OO-ムカロ

Measured by: KC

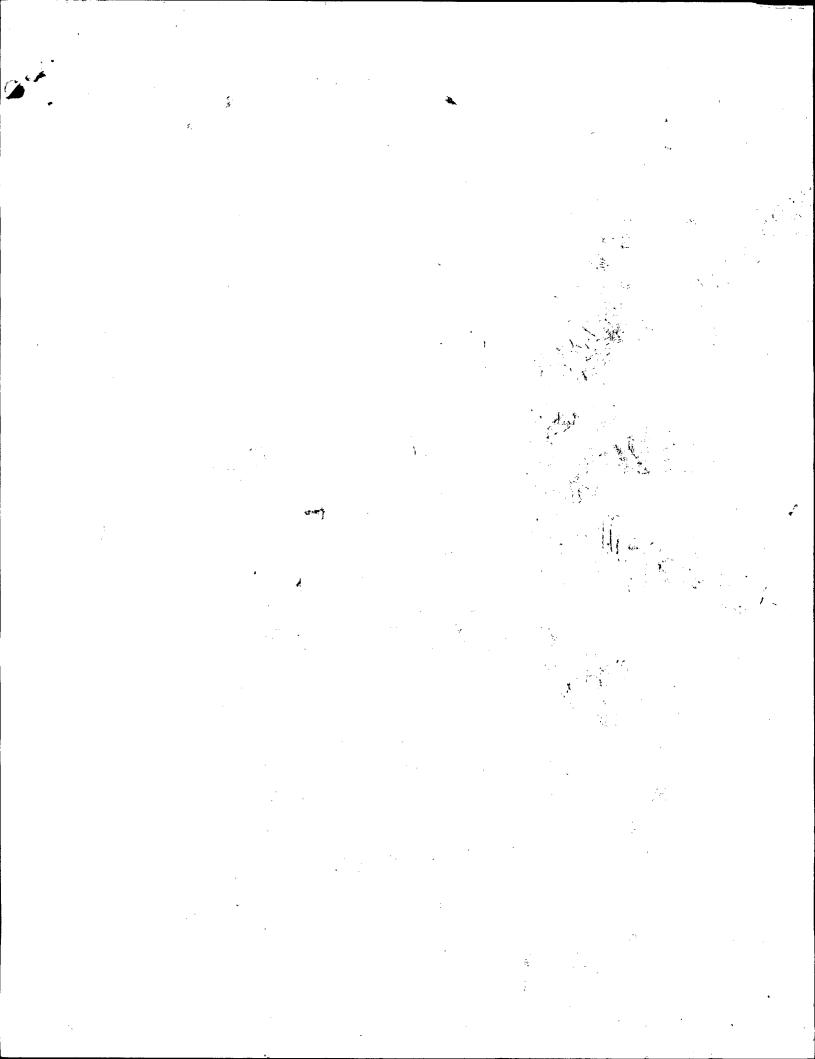
Date: 12-6-20

Audited by: Preliminary Approval:

Date: 12-6-18

Date:

Rev	2 Date	Change	Revised by	Approved
Α	05.04.27	New Issue (P/O D412-664-201)	KJ/JLM	
В	06.03.09	Tolerance for 5.237 was +/-0.001	KJ/JLM	
С	07.05.08	Dwg Rev. updated	KJ/JLM	<del>                                     </del>
D	10.08.03	Dimension 124.362 was 124.36	KJ 10	14
Ε	12.06.04	Wall thickness form added	KJ 🙀	<i>M</i>



Item	Qty -243	Part Number	Description
1	х	D412-664-243	CROSSTUBE ASSEMBLY (412 HIGH AFT)
2	1	D6009-129	CROSSTUBE
3	2	D3595-063-570	RUBBER CUSHION
4	1	D2896-1	SUPPORT
5	2	D3189-1	CHAFING SHIELD
6	2	D2856-600-1009	ABRASION STRIP
7	4	MS21920-28	CLAMP
8	2	MS21920-30	CLAMP (OR MS21920-32)
9	A/R	MAGNOBOND 6398	ROCKWELL SPECIFICATION RBO-120-023 ADHESIVE (TEXTROMBELL SPEC. 299-947-100, TYPE II, CLASS 2 ADHESIVE)

#### GENERAL NOTES:

С

1) MATERIAL: MANUFACTURED FROM D6009-129

FINISHED LENGTH = 124.100±0.020 (BEFORE BENDING/TRIMMING)

CHEMICAL CONVERSION COAT PER DART QSI 005 4.1 PRIME INSIDE AND OUTSIDE PER DART QSI 005 4.2 PAINT OUTSIDE PER DART QSI 005 4.2

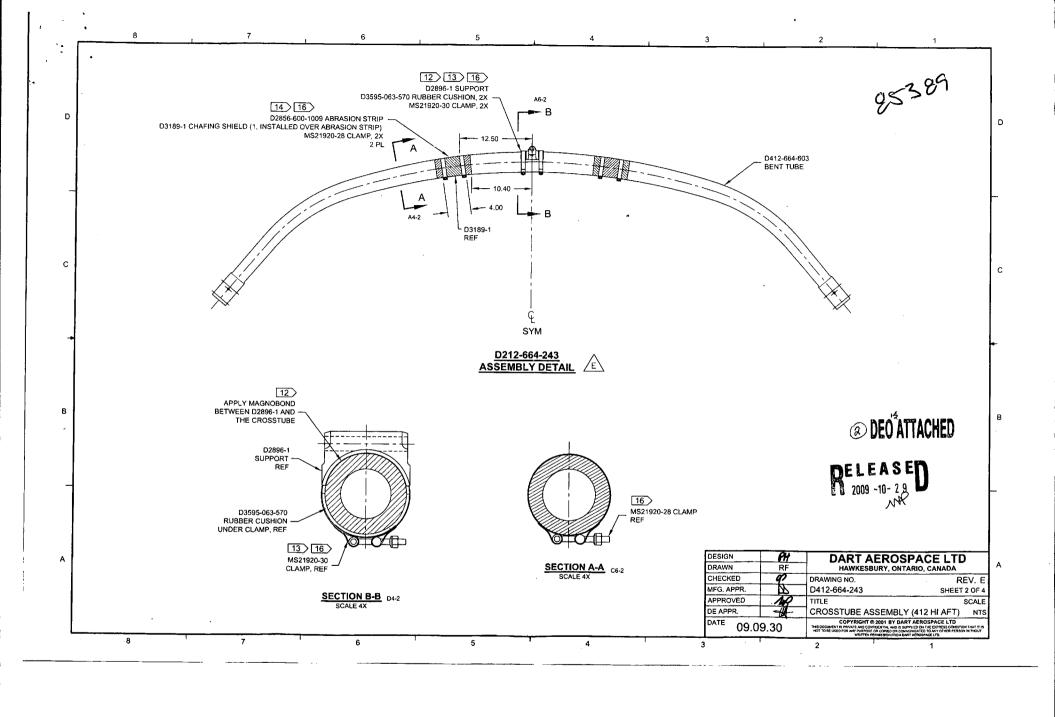
- TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED. 31
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- BREAK SHARP EDGES: 0.005 TO 0.010 MAX.
- IDENTIFICATION: SCRIBE DART PART NUMBER "D412-664-243" AND BATCH NUMBER ON INSIDE OF CUFF USING VIBRATING STYLUS.
- WEIGHT: 47.0 lbs (PER IIN-D212-664)
- PART IS SYMMETRIC ABOUT CENTERLINE.
- RUN CUTTER OFF PART. BLEND OUT EDGE LONGITUDINALY, TRANSITION SHOULD BE SMOOTH.
- 10) BEND PROGRESSIVELY WITH A MINIMUM OF 8 PASSES. MAXIMUM TUBE FLATTENING DUE TO BENDING IS 6% BASED ON O.D.
- 11) LIQUID PENETRANT INSPECT OUTSIDE SURFACE OF CROSSTUBE PER QSI 038.
- 12) INSTALL D2896-1 SUPPORT USING 0.03" TO 0.06" THICK LAYER OF MAGNOBOND 6398 TO THE SURFACE OF D2896-1 THAT WILL BE IN CONTACT WITH THE CROSSTUBE PER QSI 015. LET CURE FOR 12 HOURS AFTER INSTALLATION AND PRIOR TO PACKAGING.
- 13) INSTALL MS21920-30 CLAMPS (OR -32) WITH D3595-063-570 RUBBER CUSHIONS TO SECURE THE D2896-1 SUPPORT ON TOP SIDE OF THE CROSSTUBE. ENSURE CLAMPS ARE OPPOSITE OF CROSSTUBE SUPPORT
- 14) INSTALL D2856-600-1009 ABRASION STRIPS WITH A 0.13 REF GAP ON BOTTOM SIDE OF CROSSTUBE PER QSI 035.
- 15) EXTREME CARE MUST BE TAKEN TO PROTECT THE OUTSIDE SURFACE OF THE TUBE. THE OUTSIDE SURFACE MUST BE SMOOTH AND FREE FROM SURFACE DEFECTS SUCH AS SCRATCHES, NICKS, OR DENTS. DEFECTS UP TO 0.005" MAY BE BLENDED OUT LONGITUDINALLY. CIRCUMFERENTIAL GRIND MARKS ARE UNACCEPTABLE.
- 16) TORQUE CLAMPS 80 TO 100 IN; LB. ENSURE AT LEAST 1.5 THREADS SHOWING IN SAFETY AND THAT NUT HAS NOT BOTTOMED-OUT AFTER TORQUING.

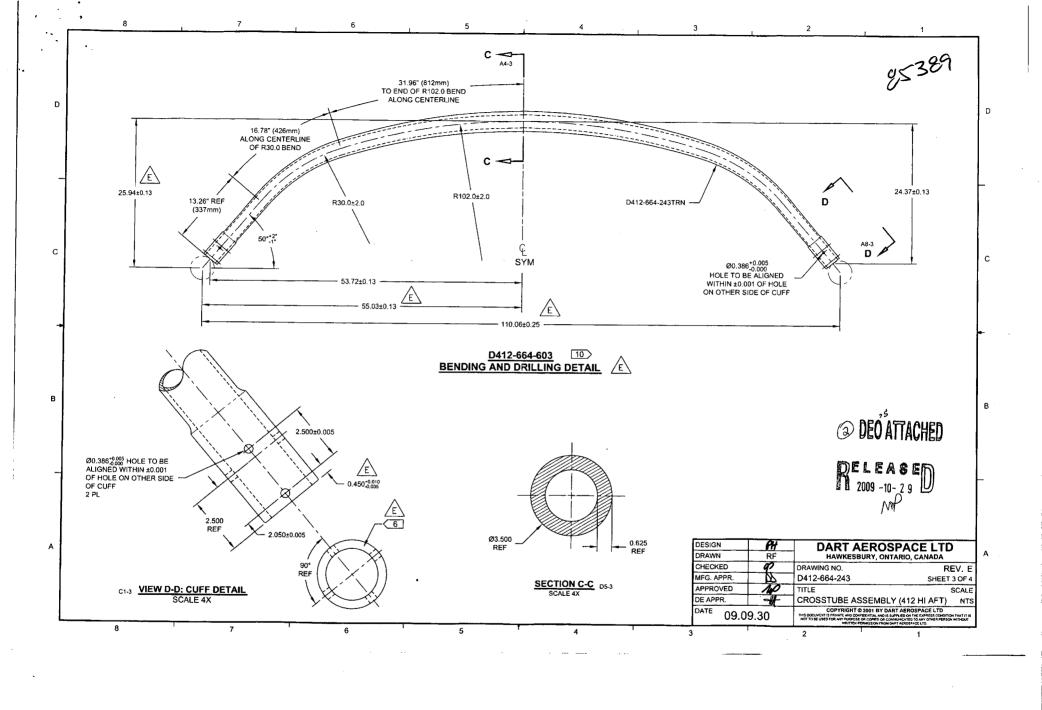
SHOP COPY **RETURN TO** ENGINEERING UNCONTROLLED COPY SUBJECT TO AMENDMENT WITHOUT NOTICE WORK ORDER MLJ 12/06/07

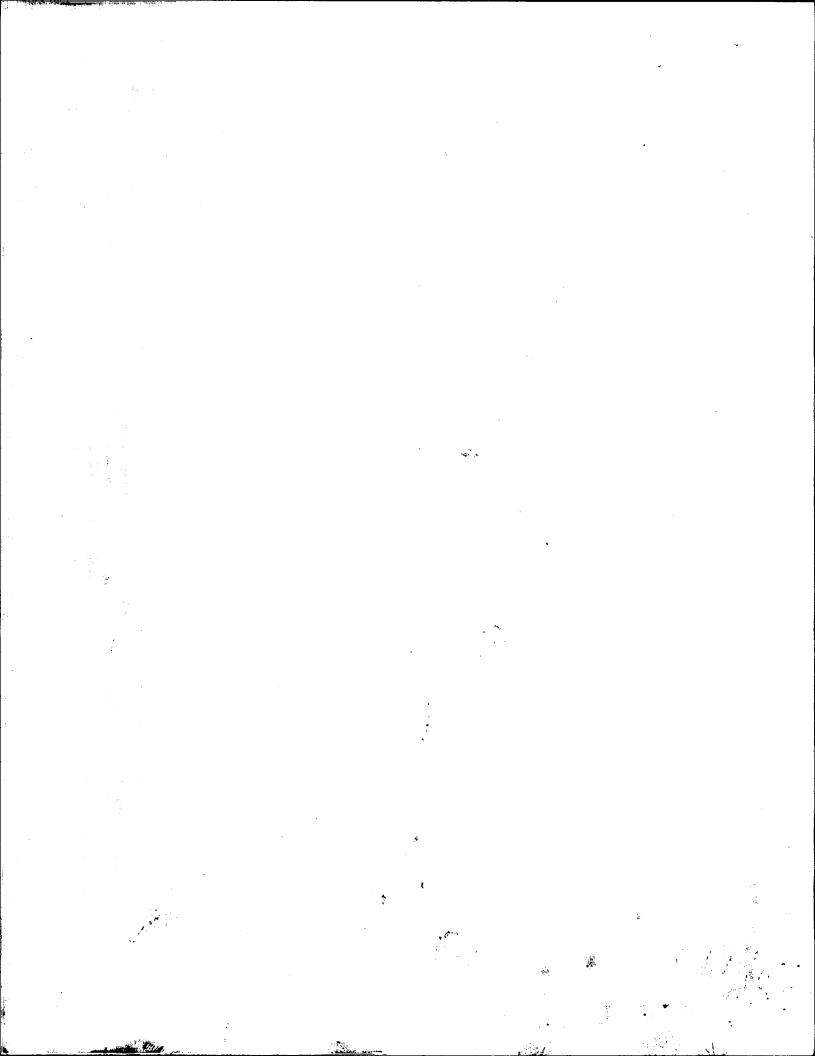
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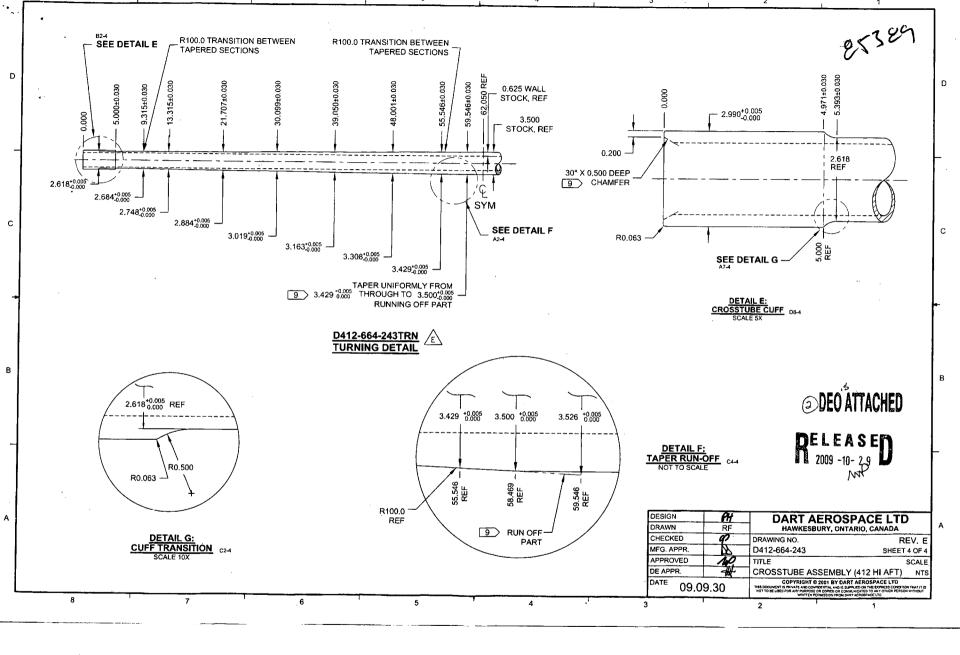
É	TO CUI PAR 08 C8-3 &	MAT/REVISE JANIZED VIEW RRENT STANI -046 (ZN A6-3 C5-3); MOVEE ANCE TO SHE	RF	09.09.30	
D	REMO	VE D2732-05	PH	07.03.09	
С		VE D2856-600 OBOND 6398	МВ	06.10.27	
В	ADD H SKIDTI	OLES FOR C UBES	PH	05.02.04	
Α	NEW IS	SSUE		PH	01.10.17
REV.			DESCRIPTION	BY	DATE
DESIGN	_	PH	DART AEROSP	ACF	LTD
DRAWN		RF	HAWKESBURY, ONTAR		
CHECK	ED	P	DRAWING NO.		REV. E
MFG, APPR.		77	D412-664-243	112-664-243 SHEET 1 C	
APPRO	VED	140	TITLE		SCALE
DE APP	DE APPR.		CROSSTUBE ASSEMBLY (412 HI AFT) NTS		

DATE 09.09.30 COPYRIGHT © 2001 BY DART AEROSPACE LTD









DRAWING NO. D412-664-243	TITLE	REV. E	DART AEROSPACE LTD		SHEET NO.	SCALE
	CROSSTUBE ASSE	<del></del>	ENGINEERING ORDER	D412-664-243-E-1	SHEET 1 OF 2	NTS
DRAWN	CHECKE	D JAF	MFG. APPR.	APPROVED MA	DE APPR.	
DATE 11.0	3.31 DATE	11/03.31	DATE //.03.31	DATE 11/03:3)	DATE 11-03.31	

### **PURPOSE:**

REMOVED ABRASION STRIP IN FAVOR OF A THIN LAYER OF PROSEAL 890.

## **CHANGE:**

#### PARTS LIST IS AMENDED AS FOLLOWS:

#### <u>IS:</u>

Qty -243	Part Number	Description	
0	D2856-600-1009	ABRASION STRIP	
		-243	-243

### WAS:

6	2	D2856-600-1009	ABRASION STRIP

## NOTES 2 AND 14, SHEET 1 ARE AMENDED AS FOLLOWS:

#### IS:

2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1 PRIME INSIDE AND OUTSIDE PER DART QSI 005 4.2

MASK UNDERSIDE OF CROSSTUBE AS SHOWN (HATCHED AREA)

PAINT OUTSIDE PER DART QSI 005 4.2

AFTER PAINTING, APPLY CLEAR COAT ON HATCHED AREA

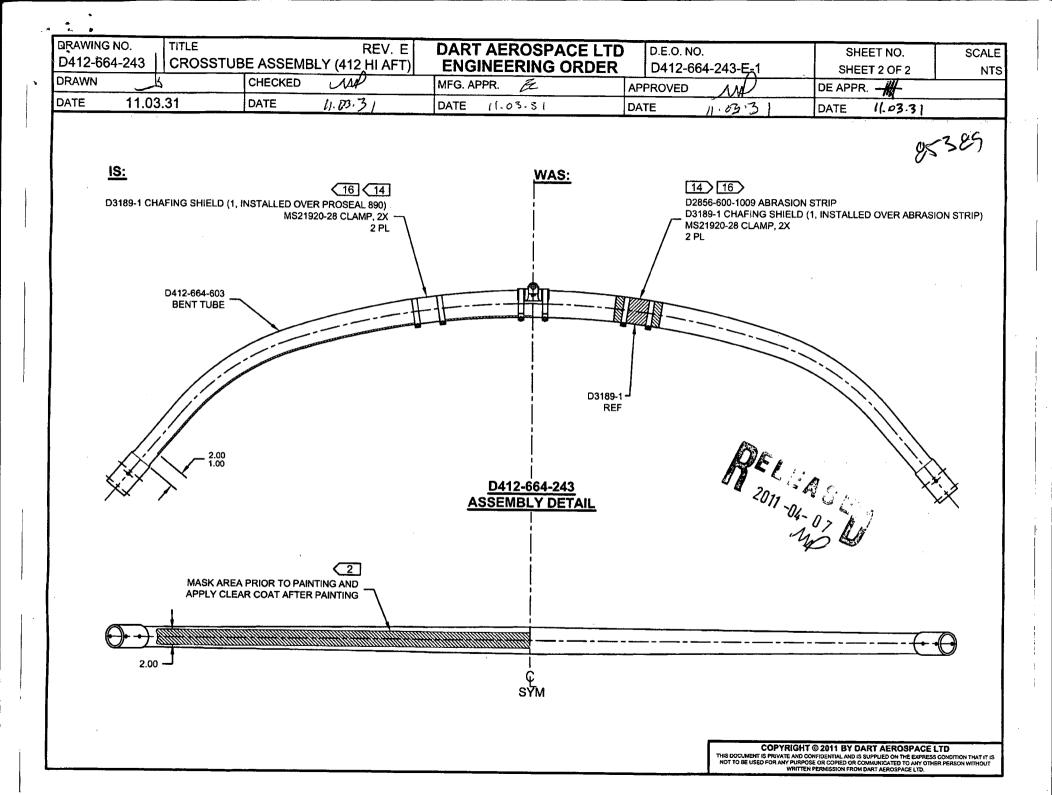
14) APPLY A THIN COAT OF PROSEAL 890 ON INSIDE CONCAVE SURFACE OF D3189-1 CHAFING SHIELD AND LET CURE PER MANUFACTURER'S INSTRUCTIONS. INSTALL PROSEALED D3189-1 CHAFING SHIELD ONTO CROSSTUBE BY APPLYING A THIN COAT OF PROSEAL 890 ONTO CROSSTUBE. BE SURE TO ELIMINATE ANY AIR GAPS.

#### WAS:

- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1 PRIME INSIDE AND OUTSIDE PER DART QSI 005 4.2 PAINT OUTSIDE PER DART QSI 005 4.2
- 14) INSTALL D2856-600-1009 ABRASION STRIPS WITH A 0.13 REF GAP ON BOTTOM SIDE OF CROSSTUBE PER QSI 035.

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DRAWING I		TLE	REV. E	DART AEROSPACE LTD	D.E.O. NO.	SHEET NO.	SCALE
D412-664	4-243 C	ROSSTUBE ASS'Y (4	12 HI AFT)	ENGINEERING ORDER	D412-664-243-E-2	SHEET 1 OF 1	NTS
DRAWN	P	CHECKED	ASS	MFG. APPR.	APPROVED M	DE APPR.	
DATE	11.09.07	DATE	11.09.19	DATE ((.09.19	DATE 11.09.19	DATE //. 99.19	<del></del>

**PURPOSE:** 

REPLACE MAGNOBOND WITH 3M DP460 SCOTCH-WELD EPOXY ADHESIVE

#### CHANGE:

IS:

Item	Qty -243	Part Number	Description
9	A/R	SCOTCH-WELD DP460	EPOXY ADHESIVE, 3M SCOTCH-WELD

#### WAS:

9	A/R	MAGNOBOND 6398	ROCKWELL SPECIFICATION RBO-120-023 ADHESIVE (TEXTRON/BELL SPEC. 299-947-100, TYPE II. CLASS 2 ADHESIVE)

NOTE 12 & 16, SHEET 1 IS AMENDED AS FOLLOWS:

- 12) INSTALL D2896-1 CENTER SUPPORT USING A 0.04" TO 0.07" THICK LAYER OF SCOTCH-WELD DP460 PER QSI 015. LET CURE FOR 24 HOURS AFTER INSTALLATION AND PRIOR TO PACKAGING.
- 16) TORQUE CLAMPS 80 TO 100 IN-LB. ENSURE AT LEAST 1.5 THREADS SHOWING IN SAFETY AND THAT NUT HAS NOT BOTTOMED-OUT AFTER TORQUING. PRIOR TO PACKAGING, RE-CHECK TORQUE ON CLAMPS AFTER ADHESIVE HAS CURED FOR 24 HOURS.

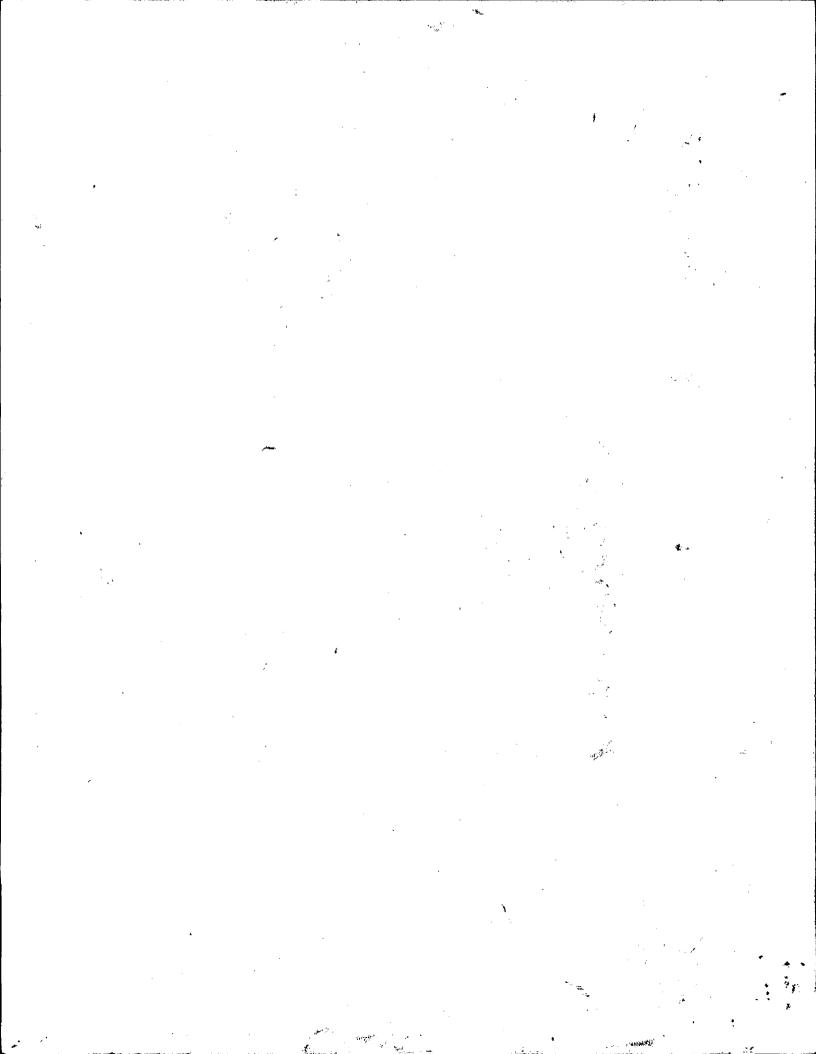
#### WAS:

- 12) INSTALL D2896-1 SUPPORT USING 0.03" TO 0.06" THICK LAYER OF MAGNOBOND 6398 TO THE SURFACE OF D2896-1 THAT WILL BE IN CONTACT WITH THE CROSSTUBE PER QSI 015. LET CURE FOR 12 HOURS AFTER INSTALLATION AND PRIOR TO PACKAGING.
- 16) TORQUE CLAMPS 80 TO 100 IN-LB. ENSURE AT LEAST 1.5 THREADS SHOWING IN SAFETY AND THAT NUT HAS NOT BOTTOMED-OUT AFTER TORQUING.



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WRITTEN PERMISSION FROM DART AEROSPACE LTD.



# **EXTRUSION INSPECTION SHEET**

							ULTRA SC	<b>ULTRA SONIC MEASURMENTS</b>				
TUBE #	TOTAL LENGTH	DIA two readings	INSIDE DIA	wall thickness measured w/vern	Straghtness at 12"	Rockwell Reading	LOCATION on tube	R1	R2	R3	R4	
1	129.00"	3.495"/3.492"	2.249"	0.612"/0.625"	0.019"	N/A	middle 64.5"	0.631"	0.631"	0.624"	0.624"	
2	129.00"	3.500"/3.495"	2.249"	0.612"/0.641"	0.010"	N/A	middle 64.5"	0.630"	0.621"	0.625"	0.632"	
3	129.00"	3.490"/3.498"	2.249"	0.615"/0.635"	0.005"	N/A	middle 64.5"	0.633"	0.638"	0.624"	0.618"	
4	129.00"	3.491"/3.496"	2.248"	0.623"/0.632"	N/A	N/A	mi <b>dd</b> le <b>64.5</b> "	0.638"	0.630"	0.616"	0.625"	
5	129.00"	3.498"/3.504"	2.250"	0.615"/0.621"	N/A	N/A	middle 64.5"	0.631"	0.624"	0.624"	0.630"	
6	129.00"	3.493"/3.494"	2.249"	0.628"/0.612"	N/A	N/A	middle 64.5"	0.621"	0.623"	0.630"	0.623"	
7	129:00"	3.491"/3.493"	2.250"	0.616"/0.630"	N/A	N/A	middle 64.5"	0.625"	0.629"	0.627"	0.627"	
8	129.00"	3.495"/3.495"	2.249"	0.625"/0.615"	N/A	N/A	middle 64.5"	0.624"	0.623"	0.627"	0.627"	
9	129.00"	3.499"/3.498"	2.250"	0.633"/0.613"	0.008"	N/A	middle 64.5"	0.631"	0.641"	0.621"	0.620"	
10	129.00"	3.495"/3.501"	2.251"	0.624"0.618"	N/A	N/A	middle 64.5"	0.619"	0.626"	0.636"	0.637"	
11	129.00"	3.497"/3.500"	2.250"	0.625"/0.625"	N/A	N/A	middle 64.5"	0.621"	0.624"	0.632"	0.640"	
12	129.00"	3.494"/3.498"	2.252"	0.615"/0.631"	N/A	N/A	middle 64.5"	0.625"	0.629"	0.629"	0.629"	
13	129.00"	3.493"3.495"	2.251"	0.621"/0.615"	N/A	N/A	middle 64.5"	0.631"	0.626"	0.623"	0.628"	
14	129.00"	3.491"/3.494"	2.250"	0.620"/0.618"	N/A	N/A	middle 64.5"	0.627"	0.621"	0.626"	0.642"	
15	129.00"	3.493"/3.501"	2.246"	0.625"/0.628"	N/A	N/A	middle 64.5"	0.627"	0.630"	0.631"	06.26"	
PART # D6009-129		P/O# 14 <u>138</u>		<u>BATCH</u> # B69801		Notes:						

